

PTO/SB/01 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input checked="" type="checkbox"/> Declaration Submitted with Initial Filing <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	<b>Attorney Docket Number</b>	555255012315
	<b>First Named Inventor</b>	Xin JIN
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	/
	<b>Filing Date</b>	03/06/2002
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD AND APPARATUS FOR FREQUENCY TRACKING IN A SPACE TIME TRANSMIT  
DIVERSITY RECEIVER**

(Title of the Invention)

the specification of which

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

**Burden Hour Statement:** This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

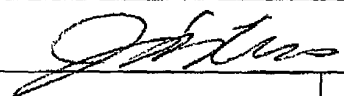
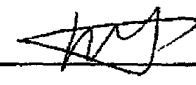
PTO/SB/01 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to: <input type="checkbox"/> Customer Number or Bar Code Label		OR <input checked="" type="checkbox"/> Correspondence address below	
<b>David B. Cochran, Esq.</b>			
Name			
Jones, Day, Reavis & Pogue			
Address North Point, 901 Lakeside Avenue			
Cleveland City	Ohio State	44114-1190 ZIP	
USA Country	(216) 586-3939 Telephone	(216) 579-0212 Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name <b>Xin</b> (first and middle [if any])		Family Name <b>JIN</b> or Surname	
Inventor's Signature 		Date <b>Mar. 5, 02</b>	
Nepean Residence: City	Ontario State	CANADA Country	Canadian Citizenship
295 Phillip Street Mailing Address			
Waterloo City	Ontario State	N2L 3W8 ZIP	CANADA Country
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name <b>Runbo</b> (first and middle [if any])		Family Name <b>FU</b> or Surname	
Inventor's Signature 		Date <b>Mar. 5, 2002</b>	
Kanata Residence: City	Ontario State	CANADA Country	Canadian Citizenship
295 Phillip Street Mailing Address			
Waterloo City	Ontario State	N2L 3W8 ZIP	CANADA Country
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.			

PTO/SB/02A (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION****ADDITIONAL INVENTOR(S)**

Supplemental Sheet

Page 1 of 1

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Jorgen S.</b>		<b>NIELSEN</b>	
<b>Given Name</b>		<b>Family Name or Surname</b>	
<b>Inventor's Signature</b> <i>Jorgen Nielsen</i>		<b>Date</b> <i>March 4/02</i>	
<b>Residence: City</b> <i>Calgary</i>	<b>State</b> <i>Alberta</i>	<b>Country</b> <i>CANADA</i>	<b>Citizenship</b> <i>Canadian</i>
<b>Mailing Address</b> <i>295 Phillip Street</i>			
<b>Mailing Address</b>			
<b>City</b> <i>Waterloo</i>	<b>State</b> <i>Ontario</i>	<b>ZIP</b> <i>N2L 3W8</i>	<b>Country</b> <i>CANADA</i>
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name</b>		<b>Family Name or Surname</b>	
<b>Inventor's Signature</b>		<b>Date</b>	
<b>Residence: City</b>	<b>State</b>	<b>Country</b>	<b>Citizenship</b>
<b>Mailing Address</b>			
<b>Mailing Address</b>			
<b>City</b>	<b>State</b>	<b>ZIP</b>	<b>Country</b>
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name</b>		<b>Family Name or Surname</b>	
<b>Inventor's Signature</b>		<b>Date</b>	
<b>Residence: City</b>	<b>State</b>	<b>Country</b>	<b>Citizenship</b>
<b>Mailing Address</b>			
<b>Mailing Address</b>			
<b>City</b>	<b>State</b>	<b>ZIP</b>	<b>Country</b>

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box



PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	Not yet assigned
Filing Date	03/06/2002
First Named Inventor	Xin JIN
Title	Method And Apparatus For...
Group Art Unit	
Examiner Name	
Attorney Docket Number	555255012315

I hereby appoint:

☐ Practitioners at Customer Number
Place Customer  
Number Bar Code  
Label here

OR

☒ Practitioner(s) named below:

Name	Registration Number
Krishna K. Pathiyal, Esq.	44435
***Please see attached sheet***	

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ Practitioners at Customer Number
Place Customer  
Number Bar Code  
Label here

OR

☒ Firm or  
Individual Name

David B. Cochran, Esq.

Address

Jones, Day, Reavis &amp; Pogue

Address

North Point, 901 Lakeside Avenue

City

Cleveland

State

Ohio

Zip

44114

Country

USA

Telephone

(216) 586-3939

Fax

(216) 579-0212

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).**SIGNATURE of Applicant or Assignee of Record**

Name

Mihal Kazaridis, President and Co-CEO, on behalf of Research In Motion Limited

Signature

Date

08 Feb 02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ \*Total of 2 forms are submitted. (PTO/SB/81 (02-01) and \*Supplemental Page Listing Additional Agents of Record)

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

555255012315

**METHOD AND APPARATUS FOR FREQUENCY TRACKING IN A SPACE TIME  
TRANSMIT DIVERSITY RECEIVER****\* SUPPLEMENTAL PAGE LISTING ADDITIONAL AGENTS OF RECORD**

ADAMO, Kenneth R., Reg. No. 27,299  
ARNDT, Barbara E., Reg. No. 37,768  
BIERNACKI, John V., Reg. No. 40,511  
COCHRAN, David B., Reg. No. 39,142  
COOPER, Lorri W., Reg. No. 40,038  
FAY, Regan J., Reg. No. 26,878  
FEELING, F. Drexel, Reg. No. 40,602  
GRIFFITH, Calvin P., Reg. No. 34,831  
HAINES, Warren M. II, Reg. No. 40,632  
MAIORANA, David M., Reg. No. 41,449  
O'HEARN, Timothy J., Reg. No. 31,552  
ROSE, Mitchell, Reg. No. 47,906  
SAUER, Joseph M., Reg. No. 47,919  
SCANLON, Stephen D., Reg. No. 32,755  
SHEAFFER, Jenny F., Reg. No. 45,099  
SWITZER, H. Duane, Reg. No. 22,431  
VARY, Michael W., Reg. No. 30,811  
WAMSLEY, III, James L., Reg. No. 31,578

all of JONES, DAY, REAVIS & POGUE  
North Point  
901 Lakeside Avenue  
Cleveland, Ohio 44114  
US